Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-7.   (Canceled).

8.   (Currently Amended) A wireless transmit/receive unit (WTRU) comprising:

a memory configured for storing initial and stored frequencies; and

a processor configured to perform initial cell search wherein chip-offset locations leading to unsuitable cells are masked so that said chip-offset locations are not detected when running subsequent initial cell searches at the same frequency, perform an exhaustive initial cell search on stored frequencies; perform a non-exhaustive initial cell search on initial frequencies where no cell is found searching the stored frequencies; and perform an exhaustive initial cell search on initial frequencies where no cell is found searching the initial frequencies wherein a hit to an unsuitable cell was detected when said initial frequencies were searched non-exhaustively.

9.   Canceled.

10.   (Currently Amended) The WTRU of claim ~~9~~ 8 wherein when the processor is performing an exhaustive cell search, the processor maintains a list of any chip-offset locations that lead to unsuitable cells and generates a mask for said chip-offset locations so that primary synchronization codes (PSCs) in the masked chip-offset locations are not detected.

11.   (Original) The WTRU of claim 10 wherein the processor is configured to associate rejected cells to a code group number so that rejected code groups are detected in step 2 of an exhaustive initial cell search thereby avoiding the performance of step 3 processing on what will lead to an unsuitable cell.